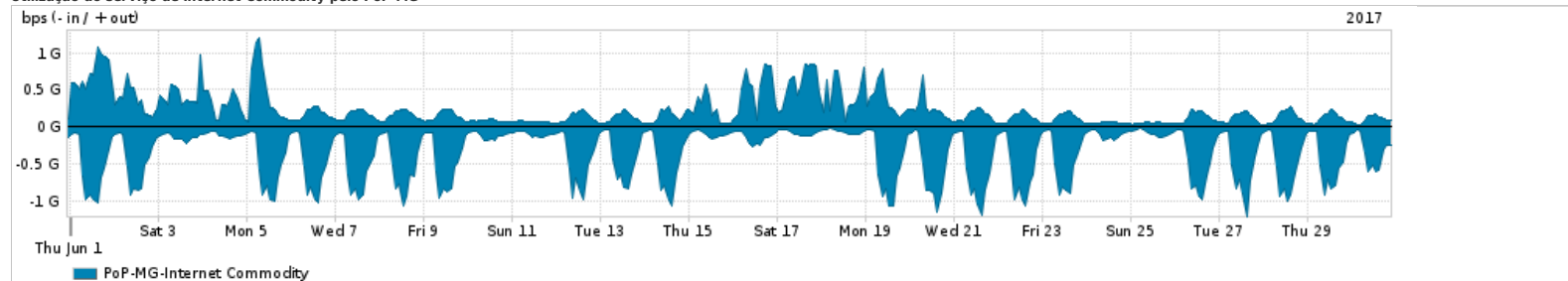


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).
 A primeira coluna da tabela define o ponto de referência para entendimento dos valores de In e Out.
 A contabilização do tráfego é sob o ponto de vista do AS da RNP, AS1916.

Legenda:
 PoP - Ponto de presença da RNP
 Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
 Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
 Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos seus clientes
 ASN - Número do sistema autônomo
 Profile - Objeto gerenciável definido arbitrariamente no Peakflow através de diversos parâmetros (ex: bloco cidr, peer-as, as-path, bgp community, interface, etc)

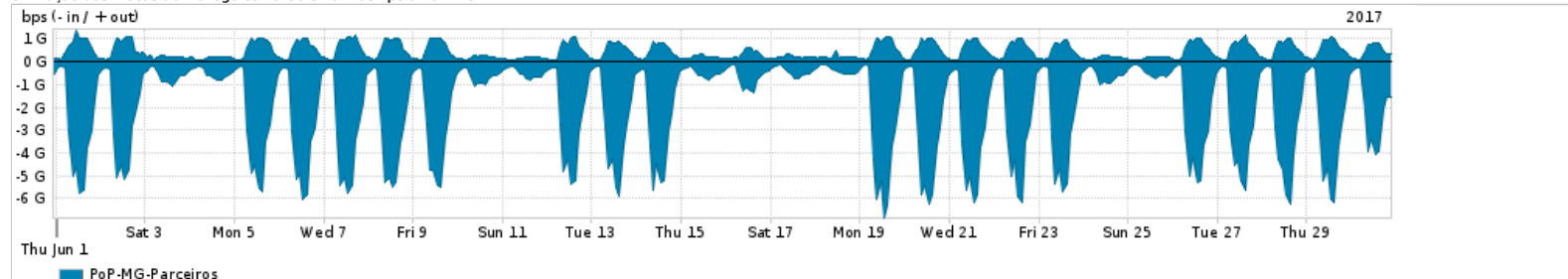
Utilização do serviço de Internet Commodity pelo PoP-MG



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|--------------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-MG | Internet Commodity | 359.26 Mbps | 229.38 Mbps | 588.64 Mbps |

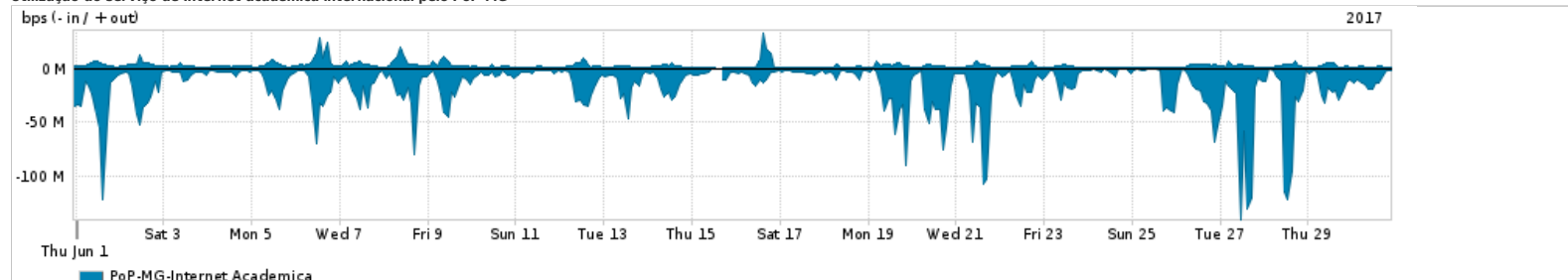
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-MG



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|-----------|-----------|-------------|-----------|
| <input checked="" type="checkbox"/> | PoP-MG | Parceiros | 2.02 Gbps | 435.11 Mbps | 2.46 Gbps |

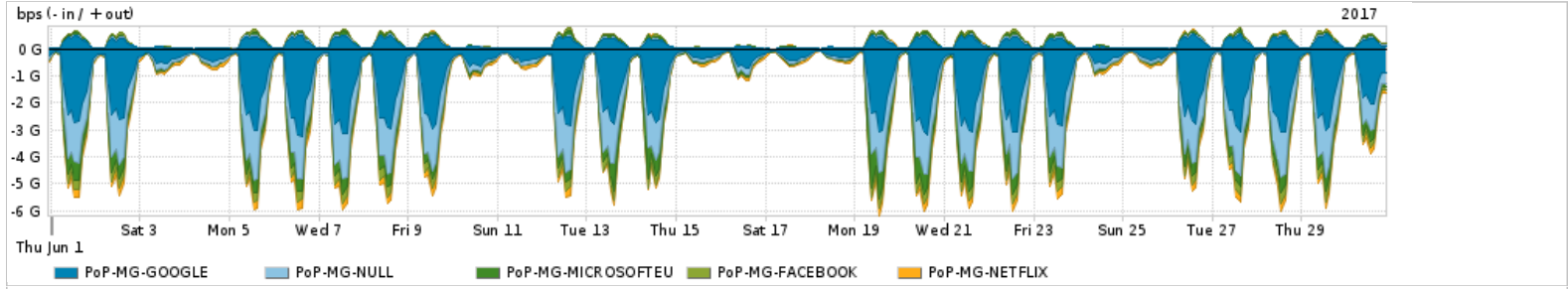
Utilização do serviço de Internet acadêmica internacional pelo PoP-MG



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|--------------------|------------|-----------|------------|
| <input checked="" type="checkbox"/> | PoP-MG | Internet Acadêmica | 17.13 Mbps | 2.39 Mbps | 19.52 Mbps |

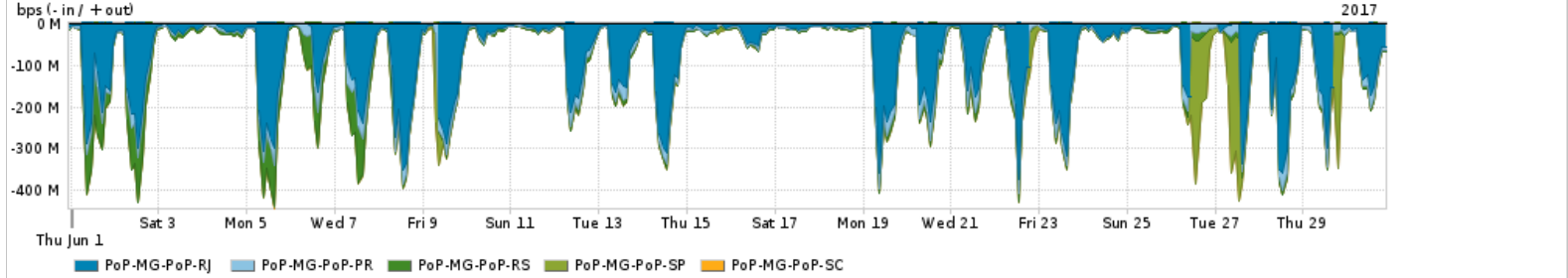
Redes (AS's de origem) mais acessadas pelo PoP-MG



Average | Max | PCT95

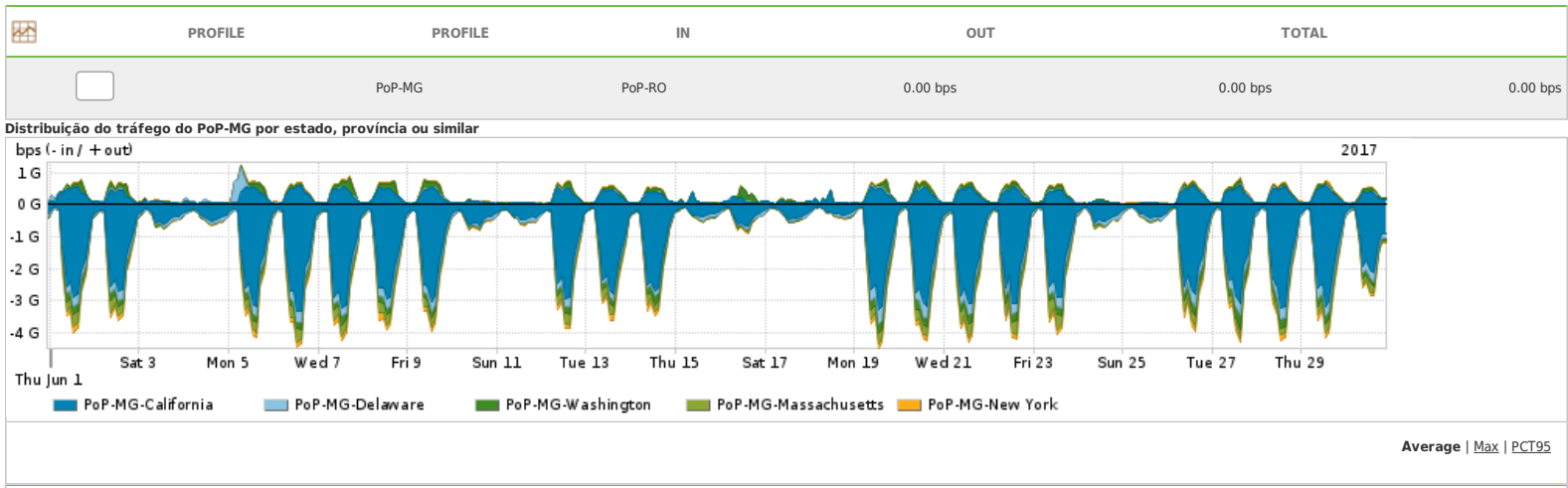
| PROFILE | AS NAME | ASN | IN | OUT | TOTAL |
|-------------------------------------|---------|-------------|-------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-MG | GOOGLE | 15169 | 1.01 Gbps | 175.75 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | NULL | 0 | 549.23 Mbps | 13.20 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | MICROSOFTEU | 8068 | 189.37 Mbps | 28.06 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | FACEBOOK | 32934 | 122.48 Mbps | 27.06 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | NETFLIX | 2906 | 112.80 Mbps | 1.99 Mbps |
| <input type="checkbox"/> | PoP-MG | AMAZON-02 | 16509 | 73.79 Mbps | 31.74 Mbps |
| <input type="checkbox"/> | PoP-MG | GCEPSABR | 28604 | 68.89 Mbps | 3.81 Mbps |
| <input type="checkbox"/> | PoP-MG | AKAMAI-ASN1 | 20940 | 61.49 Mbps | 2.00 Mbps |
| <input type="checkbox"/> | PoP-MG | EDGECAST | 15133 | 39.13 Mbps | 971.82 Kbps |
| <input type="checkbox"/> | PoP-MG | DROPBOX | 19679 | 22.50 Mbps | 15.37 Mbps |

Interesse de tráfego do PoP-MG com os outros PoPs da RNP

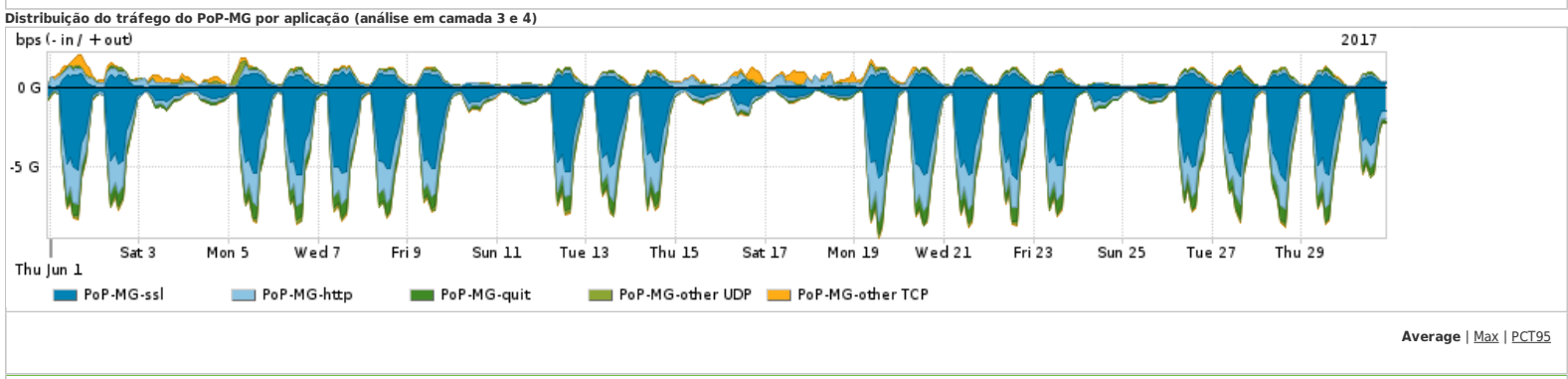


Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL |
|-------------------------------------|---------|--------|------------|-------------|
| <input checked="" type="checkbox"/> | PoP-MG | PoP-RJ | 70.47 Mbps | 649.91 Kbps |
| <input checked="" type="checkbox"/> | PoP-MG | PoP-PR | 12.66 Mbps | 6.00 bps |
| <input checked="" type="checkbox"/> | PoP-MG | PoP-RS | 11.96 Mbps | 250.26 Kbps |
| <input checked="" type="checkbox"/> | PoP-MG | PoP-SP | 10.18 Mbps | 67.84 Kbps |
| <input checked="" type="checkbox"/> | PoP-MG | PoP-SC | 2.28 Kbps | 18.00 bps |
| <input type="checkbox"/> | PoP-MG | PoP-MG | 780.00 bps | 780.00 bps |
| <input type="checkbox"/> | PoP-MG | PoP-PI | 26.00 bps | 0.00 bps |
| <input type="checkbox"/> | PoP-MG | PoP-DF | 0.00 bps | 6.00 bps |
| <input type="checkbox"/> | PoP-MG | PoP-TO | 0.00 bps | 0.00 bps |



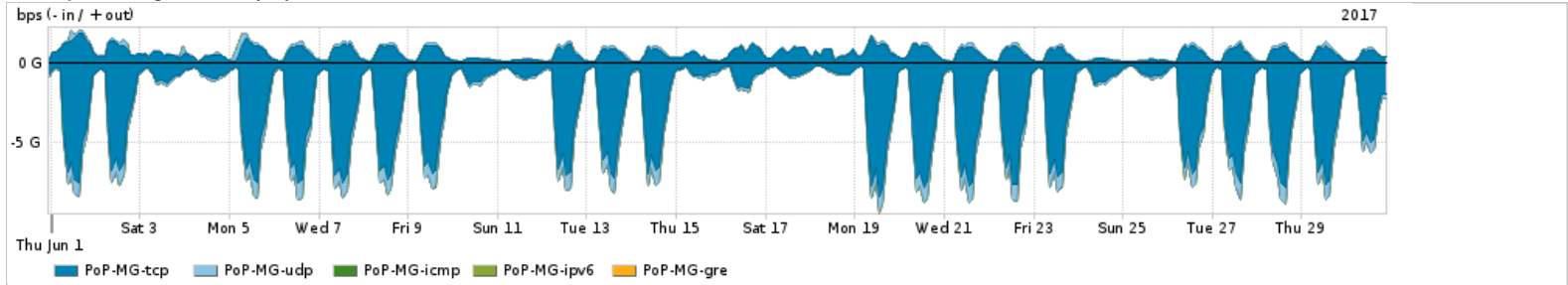
| PROFILE | REGION | IN | OUT | TOTAL | |
|-------------------------------------|--------|---------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-MG | California | 1.06 Gbps | 205.80 Mbps | 1.26 Gbps |
| <input checked="" type="checkbox"/> | PoP-MG | Delaware | 128.05 Mbps | 15.29 Mbps | 143.34 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | Washington | 83.98 Mbps | 50.30 Mbps | 134.28 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | Massachusetts | 110.04 Mbps | 4.62 Mbps | 114.66 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | New York | 58.16 Mbps | 14.77 Mbps | 72.93 Mbps |
| <input type="checkbox"/> | PoP-MG | Texas | 37.32 Mbps | 22.64 Mbps | 59.96 Mbps |
| <input type="checkbox"/> | PoP-MG | Arizona | 41.83 Mbps | 1.65 Mbps | 43.48 Mbps |
| <input type="checkbox"/> | PoP-MG | New Hampshire | 27.97 Mbps | 1.38 Mbps | 29.34 Mbps |
| <input type="checkbox"/> | PoP-MG | Virginia | 19.47 Mbps | 7.67 Mbps | 27.14 Mbps |
| <input type="checkbox"/> | PoP-MG | Zhejiang | 208.34 Kbps | 24.50 Mbps | 24.71 Mbps |
| <input type="checkbox"/> | PoP-MG | Beijing | 177.48 Kbps | 21.18 Mbps | 21.35 Mbps |
| <input type="checkbox"/> | PoP-MG | Fujian | 26.85 Kbps | 15.65 Mbps | 15.68 Mbps |
| <input type="checkbox"/> | PoP-MG | Noord-Holland | 14.07 Mbps | 1.47 Mbps | 15.54 Mbps |
| <input type="checkbox"/> | PoP-MG | Connecticut | 13.43 Mbps | 422.59 Kbps | 13.85 Mbps |
| <input type="checkbox"/> | PoP-MG | Sao Paulo | 8.40 Mbps | 4.87 Mbps | 13.27 Mbps |



| PROFILE | APPLICATION | IN | OUT | TOTAL | |
|-------------------------------------|-------------|------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-MG | ssl | 1.83 Gbps | 309.96 Mbps | 2.14 Gbps |
| <input checked="" type="checkbox"/> | PoP-MG | http | 719.73 Mbps | 170.66 Mbps | 890.39 Mbps |

| | PROFILE | APPLICATION | IN | OUT | TOTAL |
|-------------------------------------|---------|----------------|-------------|------------|-------------|
| <input checked="" type="checkbox"/> | PoP-MG | quit | 278.53 Mbps | 25.19 Mbps | 303.72 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | other UDP | 65.37 Mbps | 65.44 Mbps | 130.81 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | other TCP | 36.43 Mbps | 82.69 Mbps | 119.12 Mbps |
| <input type="checkbox"/> | PoP-MG | smtp | 5.44 Mbps | 5.05 Mbps | 10.49 Mbps |
| <input type="checkbox"/> | PoP-MG | dns | 3.73 Mbps | 4.96 Mbps | 8.70 Mbps |
| <input type="checkbox"/> | PoP-MG | ssh | 4.80 Mbps | 3.30 Mbps | 8.10 Mbps |
| <input type="checkbox"/> | PoP-MG | macromedia-fcs | 3.64 Mbps | 1.28 Mbps | 4.92 Mbps |
| <input type="checkbox"/> | PoP-MG | qq | 1.75 Mbps | 2.33 Mbps | 4.08 Mbps |

Distribuição do tráfego do PoP-MG por protocolo



Average | Max | PCT95

| | PROFILE | PROTOCOL | IN | OUT | TOTAL |
|-------------------------------------|---------|------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-MG | tcp | 2.61 Gbps | 581.93 Mbps | 3.19 Gbps |
| <input checked="" type="checkbox"/> | PoP-MG | udp | 349.33 Mbps | 97.12 Mbps | 446.45 Mbps |
| <input checked="" type="checkbox"/> | PoP-MG | icmp | 304.14 Kbps | 630.08 Kbps | 934.21 Kbps |
| <input checked="" type="checkbox"/> | PoP-MG | ipv6 | 360.49 Kbps | 411.23 Kbps | 771.72 Kbps |
| <input checked="" type="checkbox"/> | PoP-MG | gre | 271.06 Kbps | 201.62 Kbps | 472.68 Kbps |
| <input type="checkbox"/> | PoP-MG | esp | 59.04 Kbps | 32.37 Kbps | 91.41 Kbps |
| <input type="checkbox"/> | PoP-MG | ipv6-icmp | 35.72 Kbps | 18.11 Kbps | 53.83 Kbps |
| <input type="checkbox"/> | PoP-MG | 255 | 0.00 bps | 194.00 bps | 194.00 bps |
| <input type="checkbox"/> | PoP-MG | sctp | 63.00 bps | 0.00 bps | 63.00 bps |
| <input type="checkbox"/> | PoP-MG | ipv6-nonxt | 0.00 bps | 0.00 bps | 0.00 bps |

For assistance with this product, please contact support@arbornetworks.com.